

14
E72-10250

CR-129127
NTIS HC \$3.00

ESTUARINE AND COASTAL WATER DYNAMICS CONTROLLING SEDIMENT
MOVEMENT AND PLUME DEVELOPMENT IN LONG ISLAND SOUND

Frederick H. Ruggles, Jr.
U.S. Geological Survey
Box 715, Hartford, CT. 06101

31 October 1972

Type I Progress Report for Period 1 July 1972 to 31 August
1972

(E72-10250) ESTUARINE AND COASTAL WATER
DYNAMICS CONTROLLING SEDIMENT MOVEMENT AND
PLUME DEVELOPMENT IN LONG ISLAND F.H.
Ruggles, Jr. (Geological Survey, Hartford,
Conn.) 31 Oct. 1972 2 p

N73-12350

Unclas

CSCL 08H G3/13 00250

Prepared for:

Goddard Space Flight Center
Greenbelt, Maryland 20771

Publication authorized by the Director, U.S. Geological Survey

- a. Title: Estuarine Coastal Water Dynamics Controlling Sediment Movement and Plume Development in Long Island Sound

ERTS-A Proposal No. SR 342 ~~X~~
5

- b. GSFC ID No. of P.I.: IN 395

c. Installation of water-level gaging station at Avery Point, Connecticut is awaiting delivery of equipment. No meaningful imagery has been received to date.

d. During this period collection of tidal interchange and fresh-water inflow data at the Connecticut Estuary was continued. Redesign of equipment at Stamford Harbor to record tidal data in digital form was completed. Manipulation of ERTS data will depend upon receipt of usable imagery.

e. Nothing to report. 5 F

f. None

g. None

h. None

i. None to report

j. None

k. Not applicable

